

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/639/076B  
Source: IFW/6  
Date Processed by STIC: 5/11/06

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 05/11/2006

PATENT APPLICATION: US/10/639,076B

TIME: 12:15:22

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\05112006\J639076B.raw

3 <110> APPLICANT: Dennis, Mark S.  
 5 <120> TITLE OF INVENTION: FVIIA ANTAGONISTS  
 7 <130> FILE REFERENCE: 11669.232USC1  
 9 <140> CURRENT APPLICATION NUMBER: US 10/639,076B  
 10 <141> CURRENT FILING DATE: 2003-08-11  
 12 <150> PRIOR APPLICATION NUMBER: US 09/632,429  
 13 <151> PRIOR FILING DATE: 2000-08-04  
 15 <150> PRIOR APPLICATION NUMBER: US 60/147,627  
 16 <151> PRIOR FILING DATE: 1999-08-06  
 18 <150> PRIOR APPLICATION NUMBER: US 60/150,315  
 19 <151> PRIOR FILING DATE: 1999-08-23  
 21 <160> NUMBER OF SEQ ID NOS: 109  
 23 <170> SOFTWARE: PatentIn version 3.3  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 20  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Artificial Sequence  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: Synthetic peptide sequence  
 33 <400> SEQUENCE: 1  
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 36 1 5 10 15  
 39 Val Gly Leu Val  
 40 20  
 43 <210> SEQ ID NO: 2  
 44 <211> LENGTH: 20  
 45 <212> TYPE: PRT  
 46 <213> ORGANISM: Artificial Sequence  
 48 <220> FEATURE:  
 49 <223> OTHER INFORMATION: Synthetic peptide sequence  
 51 <400> SEQUENCE: 2  
 53 Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg Leu  
 54 1 5 10 15  
 57 Glu Gly Leu Glu  
 58 20  
 61 <210> SEQ ID NO: 3  
 62 <211> LENGTH: 13  
 63 <212> TYPE: PRT  
 64 <213> ORGANISM: Artificial Sequence  
 66 <220> FEATURE:  
 67 <223> OTHER INFORMATION: Synthetic peptide sequence  
 69 <400> SEQUENCE: 3  
 71 Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Glu Arg

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72 1          5          10
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76 <211> LENGTH: 13
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Synthetic peptide sequence
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86 1          5          10
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 13
91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Synthetic peptide sequence
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100 1          5          10
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 15
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Synthetic peptide sequence
111 <400> SEQUENCE: 6
113 Ser Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
114 1          5          10          15
117 <210> SEQ ID NO: 7
118 <211> LENGTH: 14
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Synthetic peptide sequence
125 <400> SEQUENCE: 7
127 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
128 1          5          10
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 13
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Synthetic peptide sequence
139 <400> SEQUENCE: 8
141 Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg
142 1          5          10
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 12
147 <212> TYPE: PRT

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148 <213> ORGANISM: Artificial Sequence  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: Synthetic peptide sequence  
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156 1 5 10  
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161 <212> TYPE: PRT  
162 <213> ORGANISM: Artificial Sequence  
164 <220> FEATURE:  
165 <223> OTHER INFORMATION: Synthetic peptide sequence  
167 <400> SEQUENCE: 10  
169 Glu Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
170 1 5 10  
173 <210> SEQ ID NO: 11  
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175 <212> TYPE: PRT  
176 <213> ORGANISM: Artificial Sequence  
178 <220> FEATURE:  
179 <223> OTHER INFORMATION: Synthetic peptide sequence  
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183 Val Leu Cys Trp Thr Trp Glu Asp Cys Arg  
184 1 5 10  
187 <210> SEQ ID NO: 12  
188 <211> LENGTH: 8  
189 <212> TYPE: PRT  
190 <213> ORGANISM: Artificial Sequence  
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193 <223> OTHER INFORMATION: Synthetic peptide sequence  
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201 <210> SEQ ID NO: 13  
202 <211> LENGTH: 9  
203 <212> TYPE: PRT  
204 <213> ORGANISM: Artificial Sequence  
206 <220> FEATURE:  
207 <223> OTHER INFORMATION: Synthetic peptide sequence  
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212 1 5  
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217 <212> TYPE: PRT  
218 <213> ORGANISM: Artificial Sequence  
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221 <223> OTHER INFORMATION: Synthetic peptide sequence  
223 <400> SEQUENCE: 14

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226 1      5
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234 <220> FEATURE:
235 <223> OTHER INFORMATION: Synthetic peptide sequence
237 <400> SEQUENCE: 15
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240 1      5
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244 <211> LENGTH: 8
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Synthetic peptide sequence
251 <400> SEQUENCE: 16
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254 1      5
257 <210> SEQ ID NO: 17
258 <211> LENGTH: 16
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Synthetic peptide sequence
265 <400> SEQUENCE: 17
267 Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu
268 1      5      10      15
271 <210> SEQ ID NO: 18
272 <211> LENGTH: 18
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Synthetic peptide sequence
279 <400> SEQUENCE: 18
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282 1      5      10      15
285 Glu Gly
289 <210> SEQ ID NO: 19
290 <211> LENGTH: 24
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Synthetic peptide sequence
297 <400> SEQUENCE: 19
299 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly
300 1      5      10      15
303 Glu Gly Gly Gly Gly Ser Gly Gly

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309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
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313 <223> OTHER INFORMATION: Synthetic peptide sequence
315 <400> SEQUENCE: 20
317 Cys Trp Thr Trp Glu Thr Cys Glu Arg Gly Glu Gly Gln
318 1          5          10
321 <210> SEQ ID NO: 21
322 <211> LENGTH: 16
323 <212> TYPE: PRT
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Synthetic peptide sequence
329 <400> SEQUENCE: 21
331 Glu Val Trp Glu Val Leu Cys Thr Asp Trp Glu Ser Cys Glu Trp Gly
332 1          5          10          15
335 <210> SEQ ID NO: 22
336 <211> LENGTH: 13
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: Synthetic peptide sequence
343 <400> SEQUENCE: 22
345 Trp Glu Val Leu Cys Met Asp Trp Glu Thr Cys Glu Arg
346 1          5          10
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351 <212> TYPE: PRT
352 <213> ORGANISM: Artificial Sequence
354 <220> FEATURE:
355 <223> OTHER INFORMATION: Synthetic peptide sequence
357 <400> SEQUENCE: 23
359 Glu Glu Trp Glu Val Leu Cys Trp Thr Trp Glu Thr Cys Glu Arg
360 1          5          10          15
363 <210> SEQ ID NO: 24
364 <211> LENGTH: 13
365 <212> TYPE: PRT
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Synthetic peptide sequence
371 <400> SEQUENCE: 24
373 Trp Lys Val Leu Cys Ala Thr Trp Ala Thr Cys Gln Arg
374 1          5          10
377 <210> SEQ ID NO: 25
378 <211> LENGTH: 13
379 <212> TYPE: PRT

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/639,076B

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Input Set : A:\Sequence Listing.txt  
Output Set: N:\CRF4\05112006\J639076B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:101; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22  
Seq#:101; Xaa Pos. 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41  
Seq#:101; Xaa Pos. 42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60  
Seq#:101; Xaa Pos. 61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79  
Seq#:101; Xaa Pos. 80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98  
Seq#:101; Xaa Pos. 99,100,102,103,104,105,106,108,109,110,111,112,113,114  
Seq#:101; Xaa Pos. 115,116,117,118,119,120,121,122,123,124,125,126,127,128  
Seq#:101; Xaa Pos. 129,130,131,132,133,134,135,136,137,138,139,140,141,142  
Seq#:101; Xaa Pos. 143,144,145,146,147,148,149,150,151,152,153,154,155,156  
Seq#:101; Xaa Pos. 157,158,159,160,161,162,163,164,165,166,167,168,169,170  
Seq#:101; Xaa Pos. 171,172,173,174,175,176,177,178,179,180,181,182,183,184  
Seq#:101; Xaa Pos. 185,186,187,188,189,190,191,192,193,194,195,196,197,198  
Seq#:101; Xaa Pos. 199,200,201,202,203,204,205,206,207  
Seq#:102; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,14,15,16,17,18  
Seq#:103; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23  
Seq#:103; Xaa Pos. 24,25,27,28,29,30,31,32,33,34,35,36,37,38,39,40  
Seq#:104; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20  
Seq#:105; Xaa Pos. 1,2,3,4,6,7,10,11,12,13,15,16,17,18  
Seq#:106; Xaa Pos. 1,5,8,11,13,14,15,16,17,18  
Seq#:107; Xaa Pos. 1,5,8,11,13  
Seq#:108; Xaa Pos. 1,2,3,7,10,13,15,16,17,18,19,20  
Seq#:109; Xaa Pos. 1,2,3,4,5,6,8,9,10,11,12,14,15,16,17,18,19,20,21,22,23  
Seq#:109; Xaa Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42  
Seq#:109; Xaa Pos. 43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61  
Seq#:109; Xaa Pos. 62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80  
Seq#:109; Xaa Pos. 81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99  
Seq#:109; Xaa Pos. 100,101,102,103,104,105,106,107,108,109,110,111,112,113

## VERIFICATION SUMMARY

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Input Set : A:\Sequence Listing.txt

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L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:0  
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:16  
L:1760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:32  
L:1764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:48  
L:1768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:64  
L:1772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:80  
L:1776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:96  
L:1780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:112  
L:1784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:128  
L:1788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:144  
L:1792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:160  
L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:176  
L:1800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:192  
L:1875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:0  
L:1879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:16  
L:1917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:0  
L:1921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:16  
L:1925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:32  
L:1945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:0  
L:1949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:16  
L:1984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:0  
L:1988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:16  
L:2028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:0  
L:2032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:16  
L:2072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:0  
L:2112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:0  
L:2116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:16  
L:2166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0  
L:2170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:16  
L:2174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:32  
L:2178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:48  
L:2182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:64  
L:2186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:80  
L:2190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:96  
L:2194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:112